

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A video network, comprising:

a plurality of video sources each configured to ~~first~~ launch onto the video network higher resolution video data and also to ~~[[then]]~~ launch lower resolution video data providing a lower resolution representation of the higher resolution video data, so that the video network carries respective higher resolution video data and respective lower resolution video data from each of the video sources;

at least one destination device configured to process video data received via the video network;

a network switch configured to selectively route the data from the video sources to the at least one destination device; and

a network control arrangement connected to the video network switch, including

a display device,

a graphical user interface (GUI) configured to display, on the display device, the lower resolution representation of video data from at least a subset of two or more of the plurality of video sources together with identifiers associating each of the lower resolution representation with a respective one of the video sources,

~~means for selecting~~ a selector configured to select, by use of the GUI, one of the video sources that launches the higher resolution video data and a corresponding one of the at least one destination device, and

~~means for controlling~~ a controller configured to control the routing of the higher resolution video data from the selected video source to a selected destination device.

Claim 2 (Previously Presented): A video network according to claim 1, wherein the network control arrangement comprises a personal computer.

Claim 3 (Previously Presented): A video network according to claim 1, w wherein the display device is configured to display a plurality of display areas, each display area displaying the lower resolution representation from a respective video source, together with the associated identifier.

Claim 4 (Previously Presented): A video network according to claim 1, wherein the GUI provides one or more user-operable switches, identified by the identifiers, for selecting a destination device to be connected to a selected video source.

Claim 5 (Previously Presented): A video network according to claim 4, wherein the network control arrangement comprises a user input device for selecting display screen areas; and the user operable switches are display screen areas selectable by the user input device.

Claim 6 (Previously Presented): A video network according to claim 4, wherein the display screen is a touch-sensitive display screen, and the user operable switches are display screen areas selectable by the user touching those display screen areas.

Claim 7 (Previously Presented): A video network according to claim 4, wherein the network control arrangement comprises a plurality of user-operable buttons, the buttons corresponding to video sources and/or destination devices for selection.

Claim 8 (Previously Presented): A video network according to claim 4, wherein the GUI provides at least one selection display area and is configured so that a source is selected for connection to a destination by dragging and dropping a displayed representation corresponding to that video source into the selection display area.

Claim 9 (Previously Presented): A video network according to claim 1, the video network being a packet-based network wherein the video sources are associated with different respective multicast groups.

Claim 10 (Previously Presented): A video network according to claim 9, wherein sources are associated with at least two respective multicast groups, one multicast group being associated with the higher resolution video from that source and another multicast group being associated with the lower resolution video from that source.

Claim 11 (Previously Presented): A video network according to claim 9, wherein the network control arrangement controls routing from a selected video source to a selected destination device by sending a message to the destination device to cause the destination device to join the multicast group of the selected source.

Claim 12 (Previously Presented): A video network according to claim 1, further comprising a plurality of destination devices.

Claim 13 (Previously Presented): A video network according to claim 1, wherein at least one destination device comprises a video switching device.

Claim 14 (Previously Presented): A video network according to claim 1, wherein at least one destination device comprises a video display device.

Claim 15 (Previously Presented): A video network according to claim 1, wherein at least one video source comprises a video tape recorder.

Claim 16 (Previously Presented): A video network according to claim 1, wherein at least one video source comprises a video camera.

Claim 17 (Previously Presented): A video network according to claim 1, wherein at least one of the video sources and/or destination devices is configured to launch status packets providing device status information onto the video network; and the GUI is configured to display such status information in association with a representation of that device.

Claim 18 (Previously Presented): A video network according to claim 1, wherein the GUI provides user controls to control the operation of at least one of the video sources and/or destination devices; and the network control arrangement is configured to transmit control packets providing control information to such a device.

Claim 19 (Previously Presented): A video network according to claim 1, wherein the network control arrangement is configured to provide access to different respective subsets of representations and/or control functionality to different users of the network.

Claim 20 (Currently Amended): A video network control arrangement for use in a video network, comprising:

a plurality of video sources each configured to ~~first~~ launch onto the video network higher resolution video data and also to ~~[[then]]~~ launch lower resolution video data providing a lower resolution representation of the higher resolution video data so that the video network carries respective higher resolution video data and respective lower resolution video data from each of the video sources;

at least one destination device configured to process video data received via the video network;

a network switch, connectable to the network controller, configured to selectively route the data from the video sources to the at least one destination device, the network control arrangement including

a graphical user interface (GUI) configured to display, on the display device, the lower resolution representation of video data from at least a subset of the plurality of video sources together with identifiers associating the lower resolution representation with a respective one of the video sources,

~~means for selecting~~ a selector configured to select, by use of the GUI, one of the video sources that launches the higher resolution video data and a corresponding one of the at least one destination device, and

~~means for controlling~~ a controller configured to control the routing of the higher resolution video data from the selected video source to a selected destination device.

Claim 21 (Previously Presented): A video network control arrangement according to claim 20, further comprising a display device.

Claim 22 (Currently Amended): A computer readable storage medium encoded with a computer readable program configured to cause an information processing apparatus to execute a method, the method comprising:

launching video data onto the video network, ~~first~~ launching higher resolution video data and also second launching lower resolution video data providing a lower resolution representation of the higher resolution video data so that the video network carries respective higher resolution video data and respective lower resolution video data from each of the video sources;

processing the video data received via the video network; and

selectively routing data from a plurality of video sources to the at least one destination device;[[;]]

displaying, on a display device, the lower resolution representations of video data from at least a subset of the plurality of sources together with identifiers associating the lower resolution representations with the respective sources;

providing user selection of a source of video of the higher resolution and a corresponding destination device; and

controlling the routing of the higher resolution video data from the selected video source to the selected destination device.

Claims 23-26 (Canceled).